

R E M A R K S

The claims in the case are claims 1-28. The claims have been amended to eliminate multiple dependency and to put them in better form for U.S. filing.

No new matter is included.

Favorable action is solicited.

Respectfully submitted,

KEIL & WEINKAUF



Herbert B. Keil
Reg. No. 18,967

1350 Connecticut Ave., N.W.
Washington, D.C. 20036

(202)659-0100

1. (original) A quick dissolving film coating composition for coating solid substrates, composed of
 - a) 10 - 90% by weight of a polyvinyl alcohol-polyether graft copolymer (component A),
 - b) 5 - 80% by weight of at least one further component containing at least one functional group selected from the group consisting of hydroxyl, amide and ester functions (component B), and
 - c) 0 - 70% by weight of further customary coating constituents (components C).
2. (original) A composition as claimed in claim 1, wherein component B is a polymer.
3. (original) A composition as claimed in claim 1, wherein component B is a sugar, a sugar alcohol, or a derivative thereof.
4. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 3~~, wherein component B is a highly disperse silica having a specific surface area $\geq 100 \text{ m}^2/\text{g}$.
5. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 4~~, wherein component B is a polymer selected from the group consisting of polyvinyl alcohols,

polysaccharides, celluloses, starches, gelatin, polyvinylpyrrolidones, vinylpyrrolidone-vinyl acetate copolymers, vinylpyrrolidone-methacrylate copolymers, vinylpyrrolidone-acrylate copolymers, (meth)acrylate copolymers, hydroxyalkyl (meth)acrylate copolymers, polyvinyl acetates, polylactides, polyethylene glycols, polypropylene glycols, polyethylene glycol-polypropylene glycol block copolymers, and derivatives thereof.

6. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 5~~, wherein component B is a compound selected from the group consisting of lactose, sucrose, glucose, xylose, mannitol, sorbitol, xylitol and isomalt.
7. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 6~~, wherein component B is a polyvinyl alcohol having a degree of hydrolysis of between 80 and 99 mol%.
8. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 7~~, wherein component B is selected from the group consisting of hydroxypropylmethylcellulose, hydroxypropylcellulose, hydroxyethylcellulose, hydroxyethylmethylcellulose, methylcellulose, ethylcellulose, carboxymethylcellulose, cellulose, and microcrystalline cellulose.
9. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 8~~, wherein component B is selected from the

group consisting of alginates, including propylene glycol alginates, carrageenans, pectins, guar, tara, xanthans, gum arabic, chitosans, and salts thereof.

10. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 9~~, wherein component B is selected from the group consisting of N-vinylpyrrolidone homopolymers, crosslinked polyvinylpyrrolidones, polyvinyl acetate, and N-vinylpyrrolidone-vinyl acetate copolymers.
11. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 10~~, wherein component B comprises vinylpyrrolidone-acrylate copolymers or vinylpyrrolidone-methacrylate copolymers.
12. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 11~~, wherein component B comprises (meth)acrylate copolymers or hydroxyalkyl (meth)acrylate copolymers.
13. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 12~~, wherein component B comprises a 1:2:1 butyl methacrylate-2-dimethylaminoethyl methacrylate-methyl methacrylate copolymer, a methacrylic acid-methyl methacrylate copolymer, a 1:1 methacrylic acid-ethyl acrylate copolymer or a salt thereof.

14. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 13~~, wherein component B comprises starch, starch derivatives, starch hydrolyzates, amylose, cyclodextrins, maltodextrins, glucose syrups, dextrans, inulin, polydextrose or polyfructose.
15. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 14~~, wherein component B comprises lactose, glucose, xylose or sucrose.
16. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 15~~, wherein component B comprises isomalt.
17. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 16~~, wherein component B comprises mannitol, sorbitol or xylitol.
18. (original) A composition as claimed in claim 1, wherein component B comprises urea.
19. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 18~~, wherein component B comprises a highly disperse silica having a specific surface area $\geq 100 \text{ m}^2/\text{g}$.
20. (currently amended) A composition as claimed in claim 1 ~~any of claims 1 to 19~~, wherein components C comprise dyes, lakes, pigments, detackifiers, fillers, shine enhancers, wetting agents, surfactants, foam preventatives, protective colloids,

buffer substances, pH regulators, and plasticizers.

21. (currently amended) A process for producing coated substrates, which comprises stirring a film coating composition as claimed in claim 1 ~~any of claims 1 to 20~~ into water and applying it to the substrate by means of an appropriate spraying means, the film coating being dried gradually by supplying heated air.
22. (original) A process as claimed in claim 21, wherein before adding it to water said composition is either dry mixed or compacted or granulated and is introduced as a premix into water.
23. (original) A process as claimed in claim 21, wherein components A and B and also components C minus the coloring components are dry mixed or compacted or granulated and that preparation is stirred into water before or together with the coloring components.
24. (currently amended) A process as claimed in claim 21 ~~any of claims 21 to 23~~, wherein a mixture of components A and B is subjected from aqueous solution to spray drying, fluidized bed drying or roller drying and this powder, with components C, is stirred into water.
25. (currently amended) A process as claimed in claim 21 ~~any of claims 21 to 24~~, wherein a mixture of components A and B is

subjected from aqueous solution to spray drying, fluidized bed drying or roller drying and this powder is granulated or compacted or mixed with components C and is stirred into water as such a mixture.

26. (currently amended) A process as claimed in claim 21 ~~any of claims 21 to 25~~, wherein components A and B and also components C minus the coloring components are subjected from aqueous solution to spray drying, fluidized bed drying or roller drying and the resultant powder, where appropriate with the coloring component, is stirred into water.
27. (currently amended) A solid substrate coated with a film coating of claim 1 ~~any of claims 1 to 20~~.
28. (original) A substrate as claimed in claim 26, selected from pharmaceutical, cosmetic, and agrochemical product forms, seed, dietary supplements, and foods.